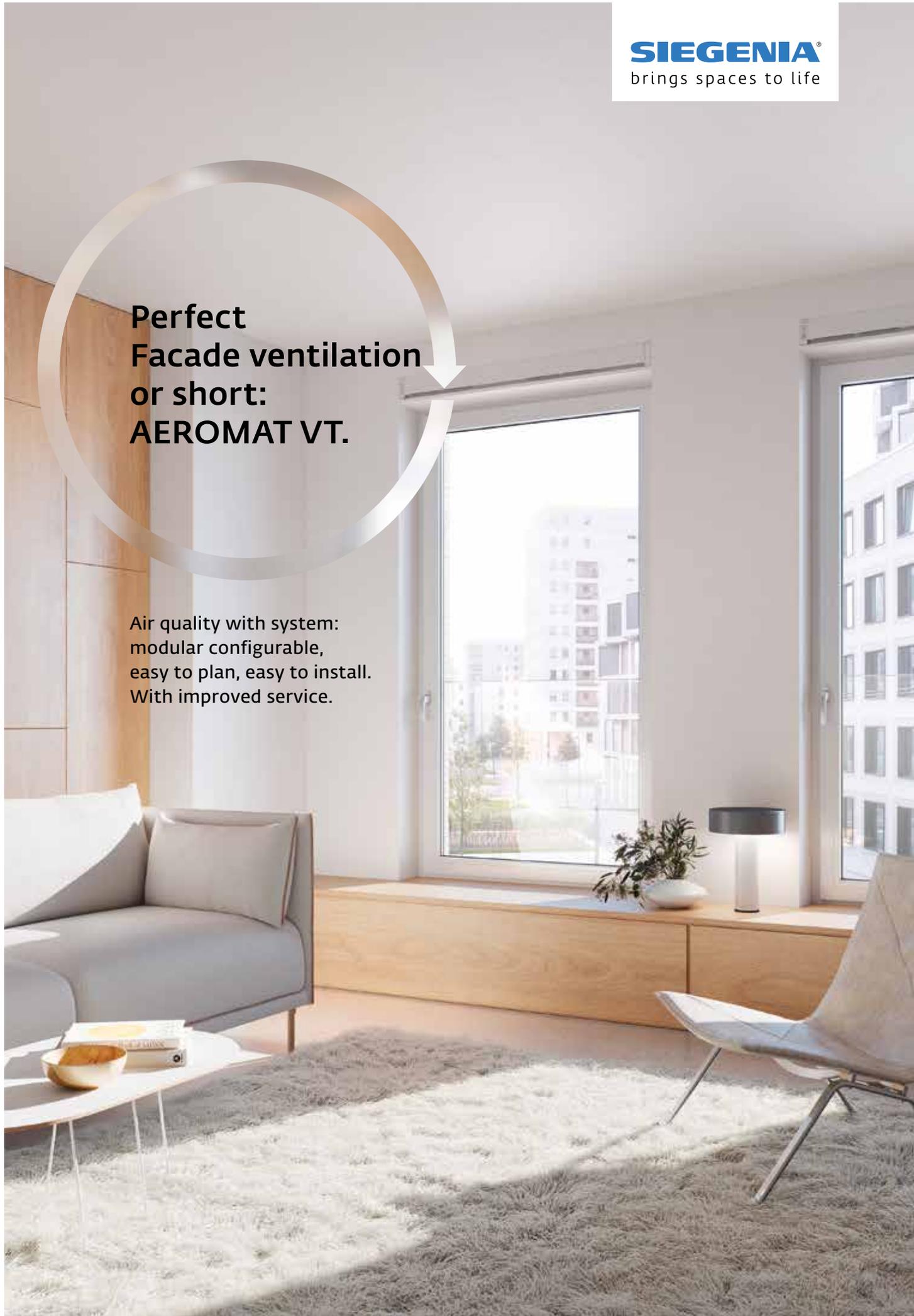


**Perfect  
Facade ventilation  
or short:  
AEROMAT VT.**

Air quality with system:  
modular configurable,  
easy to plan, easy to install.  
With improved service.



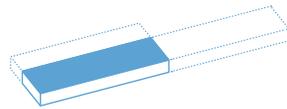
# AEROMAT VT.

## One system, many steps of advance.

SIGENIA stands for 360° room comfort. For this reason we have comprehensively revised our facade ventilator system and improved in all dimensions. The new AEROMAT VT generation offers five variants and extensive equipment options on only one platform: easy to configure and install. Healthy indoor air with system – it was never as easy.

5 | ∞

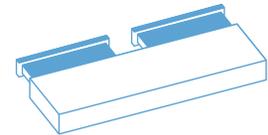
Five device types and extensive individualisation options for every project requirement.



Variable length and depth: configurable for every installation location.

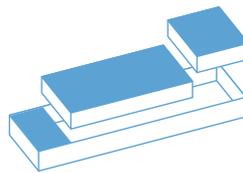
Easy to install

Modular configurable



Assembly-friendly EPP duct for all device types.

Easy to plan



Modular setup enables the simple online configuration of all installation and equipment variants.

>90%

Eligible ventilation technology thanks to energy-efficient heat recovery of overs 90 %.



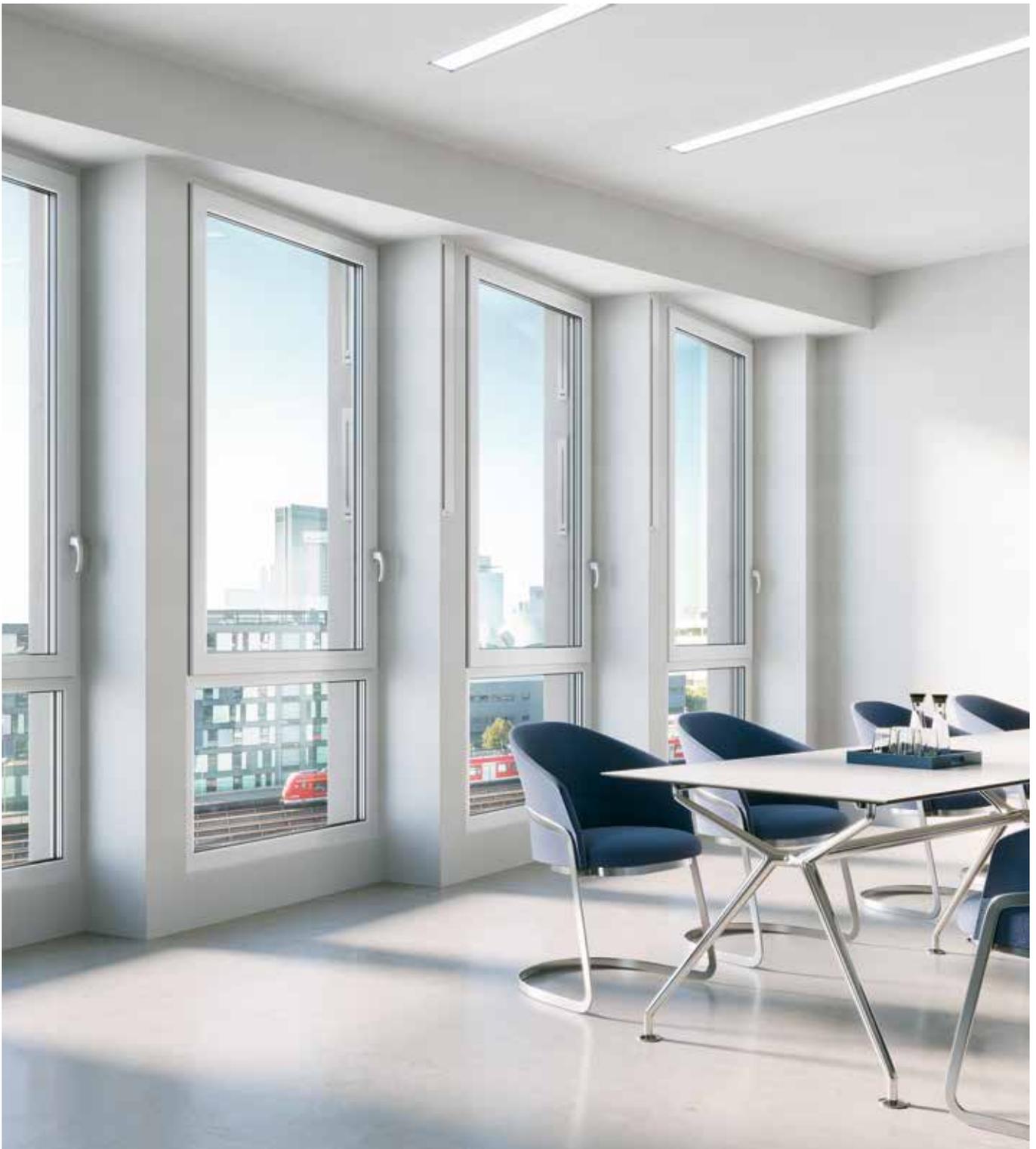
Configurable operation: per touchpad, per app or externally via the building control system. Easy integration via pre-configured inputs and outputs.



Broadly-based support team including application technology for your direct support.



A universal casing platform enables the use of all device types for the same installation location.



**AEROMAT VT: state-of-the-art facade ventilation.**

Outstanding sound absorption and air throughput, flexible equipment and integration in the architecture: these are the requirements for modern ventilation concepts. The new AEROMAT VT precisely embodies these requirements for a future-proof system.

AEROMAT VT WRG: installed concealed in the reveal.



# Easy to plan. One platform, many possibilities.

With the AEROMAT VT system it is your choice. Whatever the structural and economic requirements of your project may be: you will find the suitable and efficient solution for every project in our modular setup system. The uniform casing platform makes all ventilator/fan/blower versions universally useable for every installation location.



## Feel-good climate made to measure: individual equipment options.

The system is flexibility: mutually coordinated filter classes provide healthy fresh air. Heat recovery modules preheat the air – up to energy efficiency class A.

The control options are manual, smart per app or completely automatically via extensive sensor options. And also via intelligent bathroom control, in case of requirement. Technically matured, efficient and flexible, the AEROMAT VT can be configured to match any building and fulfil every requirement.



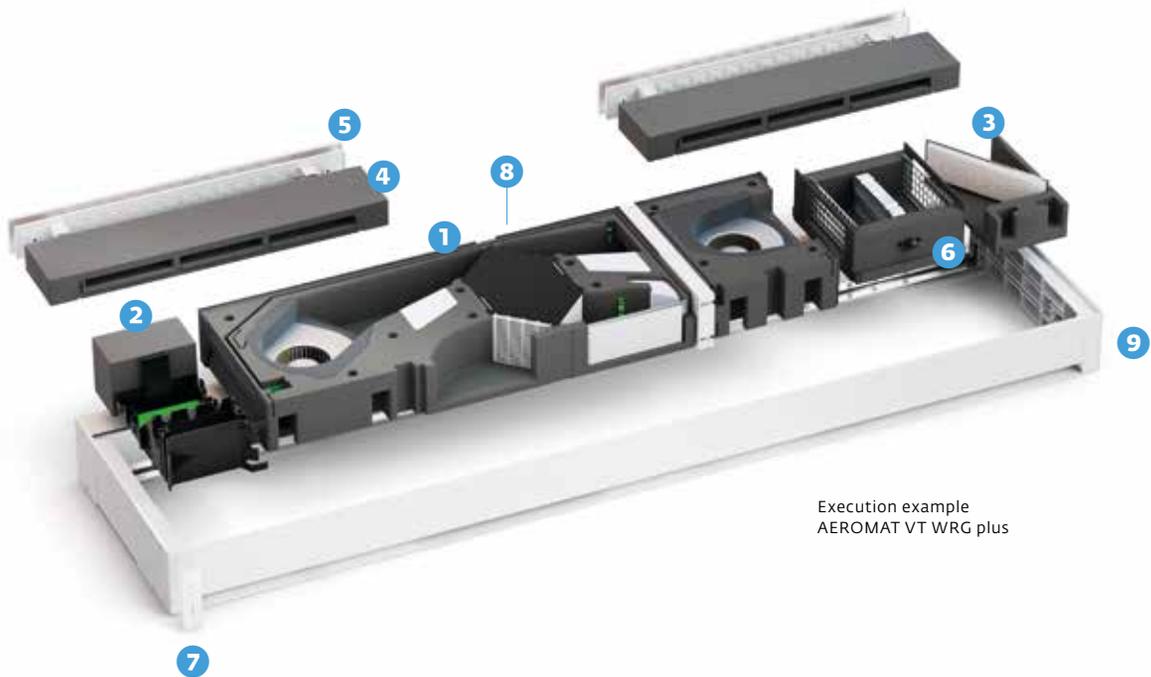
## Integration made easy: installation in lintel, reveal or wall.

The AEROMAT VT has been developed to adapt optimally to the architecture. The wide range of installation locations around the window is not the only convincing feature. Matching EPP ducts also ensure flexible adaptation to the structural conditions and an unobstructed exterior view.



# Modular configurable. Easily assembled online.

SIEGENIA has developed a flexible system that focuses on you and your requirements. A system with which you can easily configure the extensive installation and equipment variants of the AEROMAT VT online. The modular setup even allows the combination of two ventilator/fan/blower variants in one device. More possibilities for your project; less expenditure for you.



Execution example  
AEROMAT VT WRG plus

## 1 Function module

For the realisation of five device types:

### AEROMAT VT WRG plus

with up to 95% heat recovery and energy efficiency class A.

### AEROMAT VT WRG

with energy efficiency class B.

### AEROMAT VT Z air supply unit.

### AEROMAT VT A exhaust air unit.

### AEROMAT VT D passive vent.

The modular setup and the universal casing platform even allow the combination of different device types in one combination device.

## 2 Electronic module

Comprehensive sensors: CO<sub>2</sub>, VOC, temperature and humidity control.

Configurable software.

Smart variant to app control.

## 3 Filter module

Three filter variants to choose from: as well as a coarse or fine dust filter, a NO<sub>x</sub> filter can also be integrated that extracts the finest pollutants and irritants as well as nitrogen oxides from the air.

## 4 EPP duct

Wall duct, reveal duct and lintel duct made of assembly-friendly EPP material.

## 5 Outer panel for EPP duct

Discreet appearance due to black or white outer panel. The optional aluminium outer panel is customisable with regard to colour.

## 6 Preheating register

Optional for the device types WRG and WRG plus: for use with especially low outside temperatures.

## 7 Touch control

The control unit for modern control via touchpad.

## 8 Electronic connection

Optional for all device types: closes the supply air and exhaust air openings.

## 9 Casing platform

Variable length and depth with uniform appearance for all ventilator/fan/blower variants. Individualisation of the inside and outside view possible due to special colours.

# Easy to install.

## From installation to integration.

The AEROMAT VT does not only stand for the best sound absorption and air throughput. As a profile-independent system, it is also consistently directed towards easy fabrication and assembly. From the optimised EPP duct for significantly improved installation options to the easy integration in the building technology due to external inputs.



### **A duct for more precision.**

Practical experience has resulted in SIEGENIA placing special value on the optimisation of installation for the AEROMAT VT. The new EPP duct is now tangibly easy to fabricate and tolerance-compensating. Its flexible material can be easily and precisely cut to length on site. This saves time and money.



### **A cover for less visibility.**

Due to its unobtrusive appearance, the AEROMAT VT offers you all options – also for high-quality project requirements. The colour of its discreet aluminium outer panel can be adapted to the facade. Hence the ventilator/fan/blower is practically invisible.

# AEROMAT VT.

## The device types.

Thanks to the uniform appearance and universal casing platform, the different ventilator/fan/blower and equipment variants can be used in the same installation location.



**AEROMAT VT WRG plus**  
Air supply and exhaust air  
with up to 95% heat recovery  
and energy efficiency class A

Bidirectional  
device types

<b>Air throughput</b>	up to 45 m <sup>3</sup> /h
<b>Sound absorption Dn,e,w</b>	up to 59 dB
<b>Dimensions, L H D</b>	1,200–6,000 x 100 x 320–500 mm



**AEROMAT VT WRG**  
Air supply and exhaust air  
with up to 93% heat recovery  
and energy efficiency class B

<b>Air throughput</b>	up to 60 m <sup>3</sup> /h
<b>Sound absorption Dn,e,w</b>	up to 58 dB
<b>Dimensions, L H D</b>	1,000–6,000 x 100 x 320–500 mm



**AEROMAT VT Z**  
Supply air

Unidirectional  
device types

<b>Air throughput</b>	up to 60 m <sup>3</sup> /h
<b>Sound absorption Dn,e,w</b>	up to 57 dB
<b>Dimensions, L H D</b>	750–6,000 x 100 x 300–500 mm



**AEROMAT VT A**  
Air extraction

<b>Air throughput</b>	up to 60 m <sup>3</sup> /h
<b>Sound absorption Dn,e,w</b>	up to 57 dB
<b>Dimensions, L H D</b>	750–6,000 x 100 x 300–500 mm



**AEROMAT VT D**  
Pressure differential

<b>Air throughput</b>	up to 58 m <sup>3</sup> /h at 8 Pa
<b>Sound absorption Dn,e,w</b>	up to 64 dB
<b>Dimensions, L H D</b>	500–6,000 x 100 x 200–500 mm

Exemplary depiction of all device types with  
a ventilator length of 1,400 mm.

**SIEGENIA®**  
brings spaces to life

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